

Recovery Plan Action Status

Plan Name: Revised Final Recovery Plan for the Running Buffalo Clover (*Trifolium stoloniferum*)

Plan Status: Final Revision 1

Plan Date: 27-Jun-07

Lead Agency: USFWS

Lead Office: Columbus Ecological Services Field Office

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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Running buffalo clover (<i>Trifolium stoloniferum</i>)	2	1.1	Determine appropriate habitat management techniques.	Ongoing Current	FY 2007	FY 2012	Ohio Department of Natural Resources, West Virginia Department of Natural Resources	Research: Management Techniques	Labor type not yet selected	Action is ongoing for 7 years.
Running buffalo clover (<i>Trifolium stoloniferum</i>)	2	1.2	Implement appropriate habitat management techniques including invasive plant control.	Ongoing Current	FY 2007		Indiana Department of Natural Resources, Ohio Department of Natural Resources, Missouri Department of Conservation, West Virginia Department of Natural Resources	Management: Habitat Maintenance and Manipulation	Labor type not yet selected	May change over time as action 1.1 is determined.
Running buffalo clover (<i>Trifolium stoloniferum</i>)	2	1.3	Protect known populations and the habitat they occupy via management agreements.	Ongoing Current	FY 2007		Indiana Department of Natural Resources, Ohio Department of Natural Resources, Missouri Department of Conservation, West Virginia Department of Natural Resources	Acquisition: Management Agreement	Labor type not yet selected	Action is continuous for 3 years.

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Running buffalo clover (<i>Trifolium stoloniferum</i>)	2	1.4	Monitor known populations in each state to document trend and update PVA	Ongoing Current	FY 2007		U.S. Department of Agriculture, Indiana Department of Natural Resources, Ohio Department of Natural Resources, Missouri Department of Conservation, Kansas Biological Survey, Illinois Department of Conservation, West Virginia Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species, Private Conservation Organizations, USFWS Regional Office 5, University of Kentucky, U.S. Fish and Wildlife Service, Division of Law Enforcement, Kentucky Nature Preserves Commission, Arkansas Game and Fish Commission, West Virginia University	Research: Population Surveys	Internal Technical Assistance	Action is ongoing for 10 years.
Running buffalo clover (<i>Trifolium stoloniferum</i>)	3	1.5	Survey for additional populations throughout range.	Partially Complete	FY 2007	FY 2007	All agencies listed	Research: Population Surveys	Labor type not yet selected	
Running buffalo clover (<i>Trifolium stoloniferum</i>)	3	1.6	Develop Post-Delisting Monitoring and Management Plan	Not Started			Indiana Department of Natural Resources, Ohio Department of Natural Resources, Missouri Department of Conservation, West Virginia Department of Natural Resources	Research: General	Labor type not yet selected	Will occur during later years of recovery.

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Running buffalo clover (Trifolium stoloniferum)	2	2.1.1	Examine conditions necessary for flowering	Not Started			U.S. Department of Agriculture, The Nature Conservancy, Center for Plant Conservation, Private Conservation Organizations, University of Kentucky, West Virginia University	Research: Habitat Requirements	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	2.1.2	Examine the types and frequency of pollinators	Not Started			The Nature Conservancy, Ohio Department of Natural Resources, Center for Plant Conservation, Private Conservation Organizations, University of Kentucky, West Virginia University	Research: Propagation	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	2.1.3	Examine the level of seed set under various management regimes.	Not Started			The Nature Conservancy, Center for Plant Conservation, U.S. Fish and Wildlife Service, Office of Endangered Species, Private Conservation Organizations, University of Kentucky, West Virginia University	Research: Propagation	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	2.1.4	Examine factor necessary for seed germination in the wild.	Not Started			All agencies listed	Research: Propagation	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	2.1.5	Examine the impacts of herbivory in the wild.	Not Started			All agencies listed	Research: Predation	Labor type not yet selected	

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Running buffalo clover (Trifolium stoloniferum)	2	2.2.1	Evaluate factors that determine optimal abiotic conditions	Not Started			The Nature Conservancy, Center for Plant Conservation, U.S. Fish and Wildlife Service, Office of Endangered Species, Private Conservation Organizations, University of Kentucky, West Virginia University	Research: Habitat Requirements	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	2.2.2	Examine effects of soil disturbance and shading.	Not Started			The Nature Conservancy, Center for Plant Conservation, U.S. Fish and Wildlife Service, Office of Endangered Species, Private Conservation Organizations, University of Kentucky, West Virginia University	Research: Habitat Requirements	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	2.2.3	Examine abiotic factors (e.g. weather) that may affect seed variability.	Not Started			U.S. Department of Agriculture, The Nature Conservancy, Center for Plant Conservation, U.S. Fish and Wildlife Service, Office of Endangered Species, Private Conservation Organizations, University of Kentucky, West Virginia University	Research: Climate Change, Research: Other Information	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	2	3.1.1	Additional seed collection and storage	Not Started			All agencies listed	Research: Other Information	Labor type not yet selected	
Running buffalo clover (Trifolium stoloniferum)	3	4.1	Provide public information about running buffalo clover.	Ongoing Current	FY 2007		All agencies listed	Other: Information and Education	Internal Technical Assistance	
Running buffalo clover (Trifolium stoloniferum)	3	5.1	Conduct annual recovery team conference calls and/or face-to-face meetings.	Not Started			All agencies listed	Work type not yet selected	Labor type not yet selected	Face-to-face meeting every two years
Running buffalo clover (Trifolium stoloniferum)	3	5.2	Revise recovery plan as appropriate.	Not Started			All agencies listed	Management: Planning	Labor type not yet selected	